

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063319.D
 Acq On : 11 Sep 2020 17:06
 Operator : JC/MD
 Sample : L3988-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ13311-20200908

Quant Time: Sep 12 04:37:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

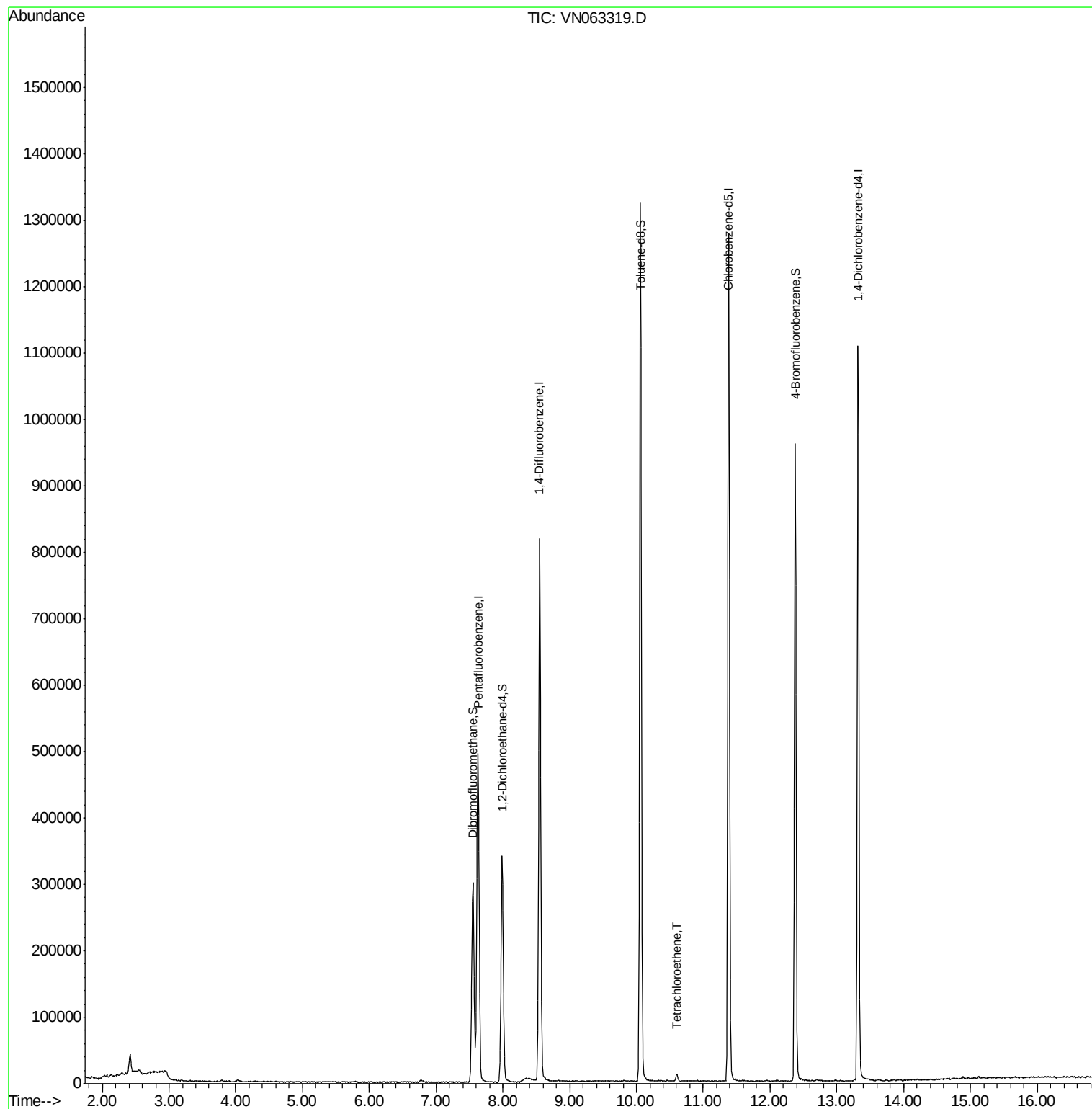
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	374795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	708211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	688422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	277456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	293673	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	7.55	113	224240	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.06	98	893340	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.38	95	336435	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
Target Compounds						
64) Tetrachloroethene	10.60	164	2259	0.401	ug/l	Qvalue 88

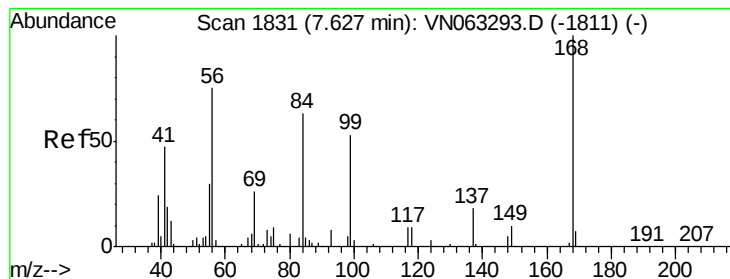
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063319.D

Acq: 11 Sep 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

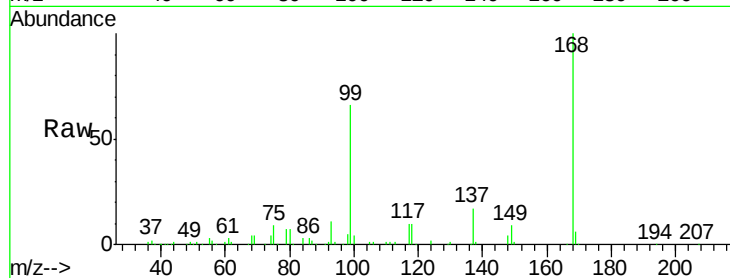
SA-PZ13311-20200908

Tot Ion:168 Resp: 374795

Ion Ratio Lower Upper

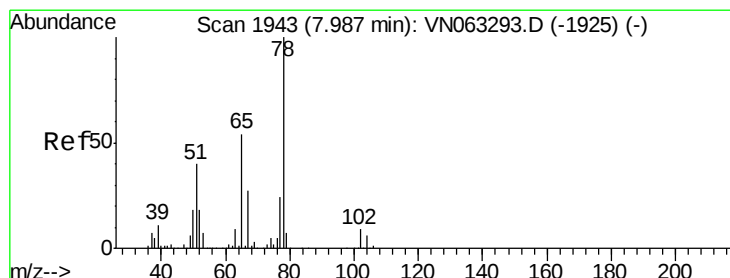
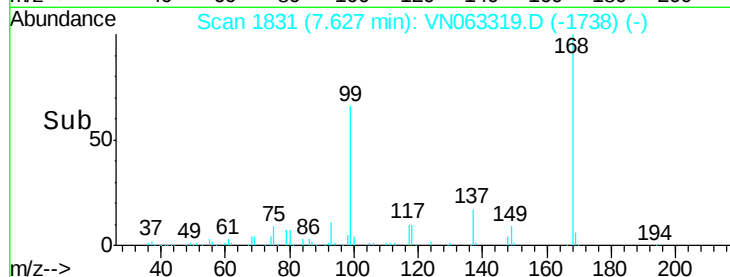
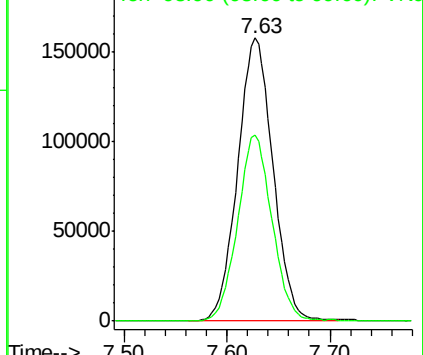
168 100

99 65.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.872 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063319.D

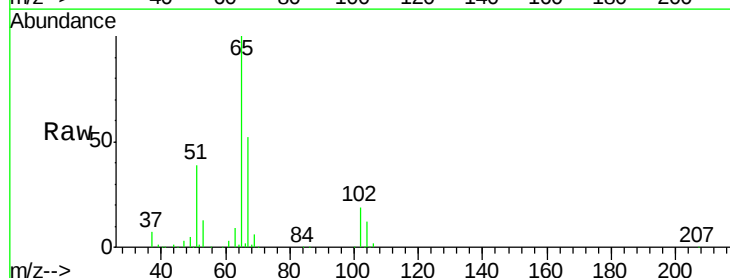
Acq: 11 Sep 2020 17:06

Tgt Ion: 65 Resp: 293673

Ion Ratio Lower Upper

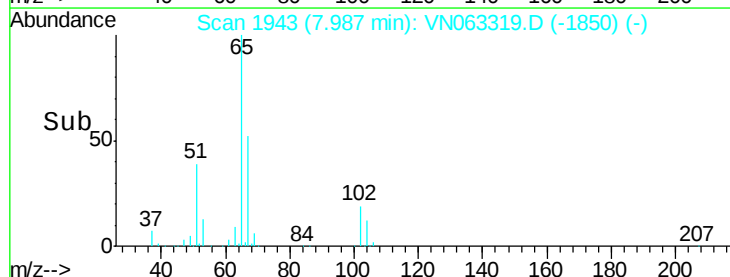
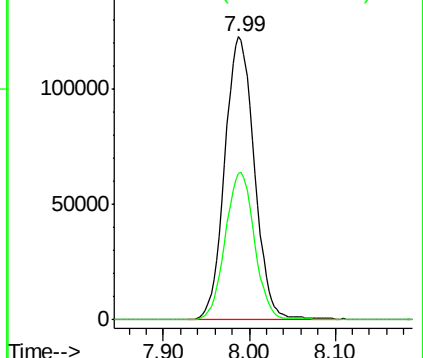
65 100

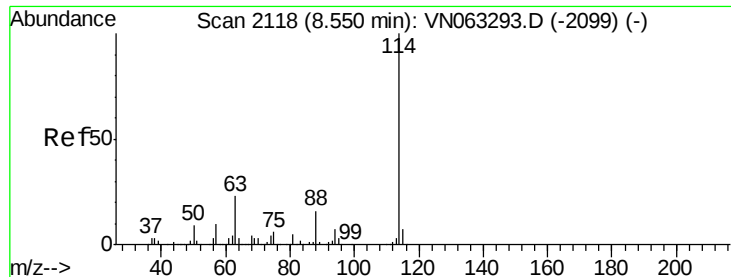
67 51.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

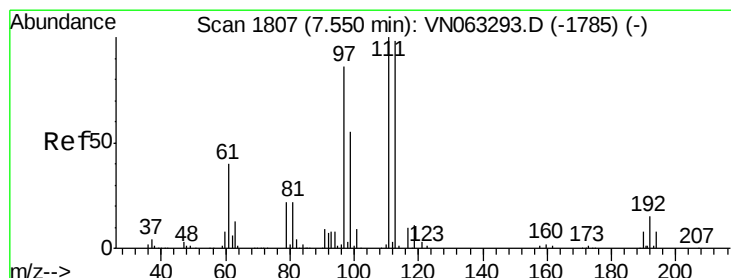
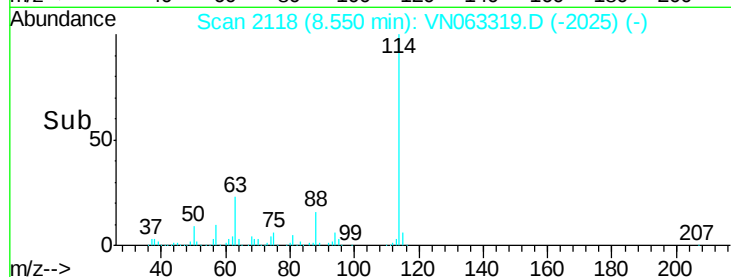
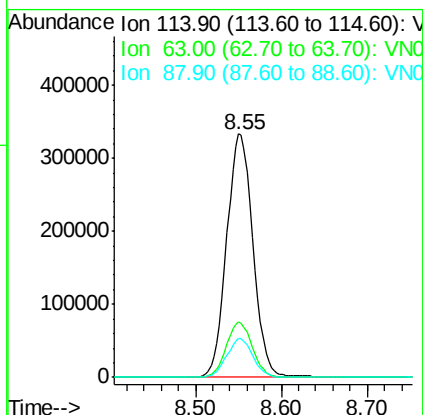
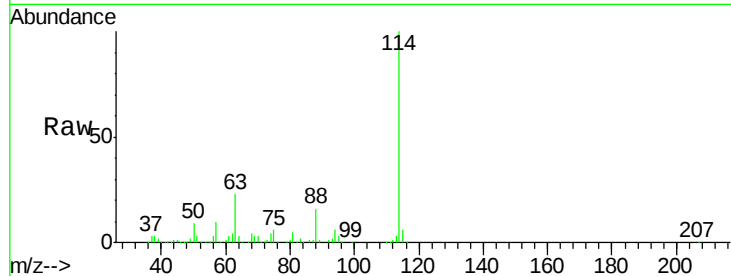




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063319.D
 Acq: 11 Sep 2020 17:06

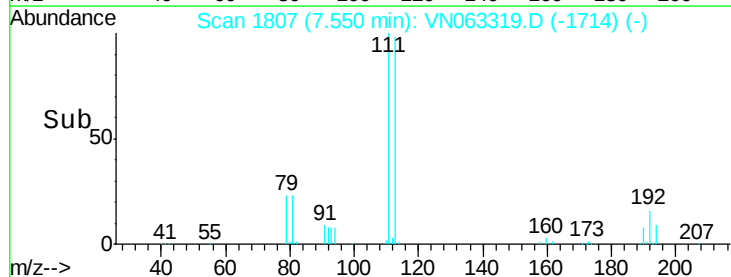
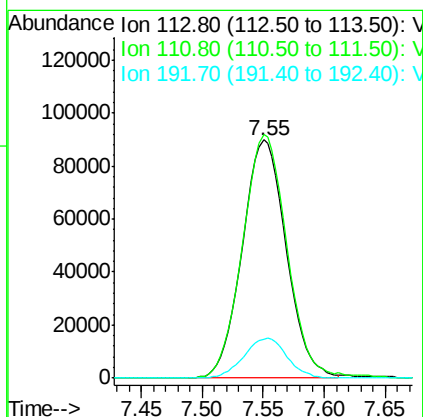
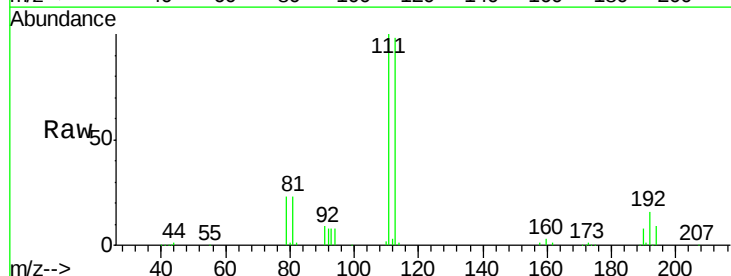
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ13311-20200908

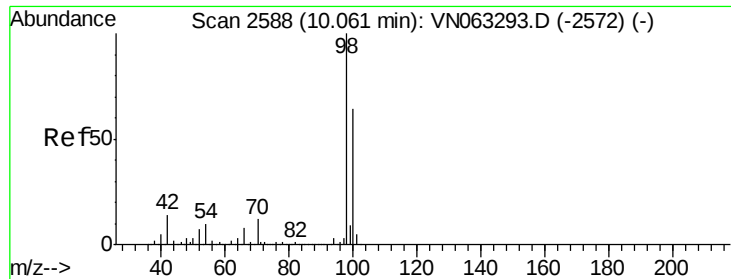
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.0
88	16.0	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 49.080 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063319.D
 Acq: 11 Sep 2020 17:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	16.5	12.9	19.3





#50

Toluene-d8

Concen: 51.022 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063319.D

Acq: 11 Sep 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

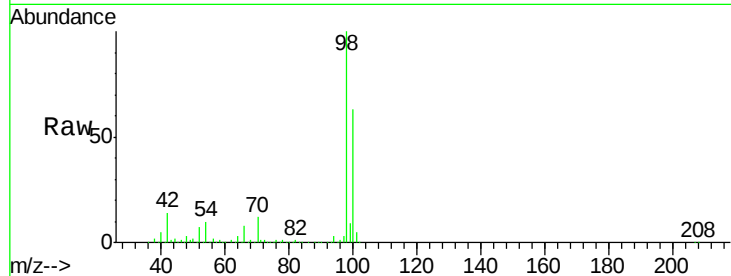
SA-PZ13311-20200908

Tot Ion: 98 Resp: 893340

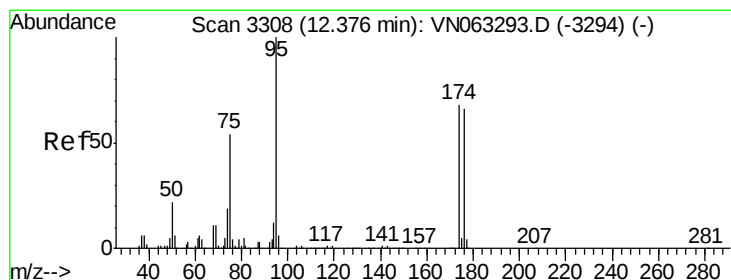
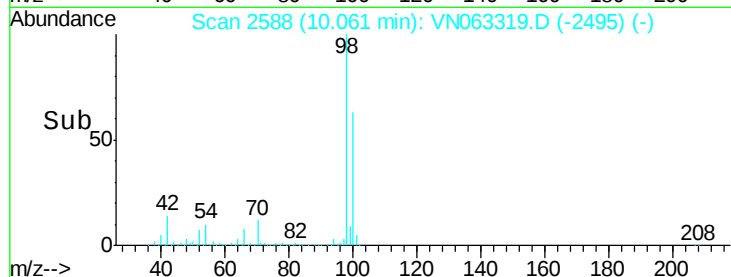
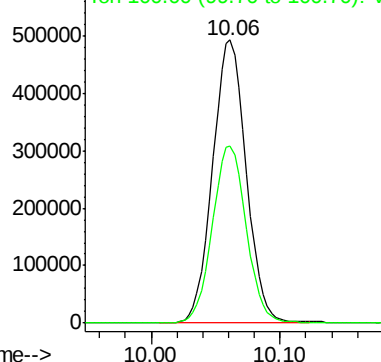
Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063319.D (-2495) (-)



#62

4-Bromofluorobenzene

Concen: 52.024 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063319.D

Acq: 11 Sep 2020 17:06

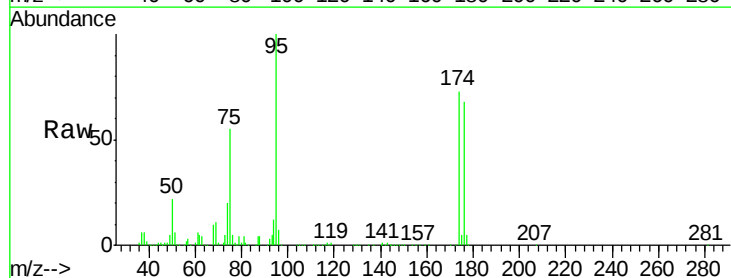
Tgt Ion: 95 Resp: 336435

Ion Ratio Lower Upper

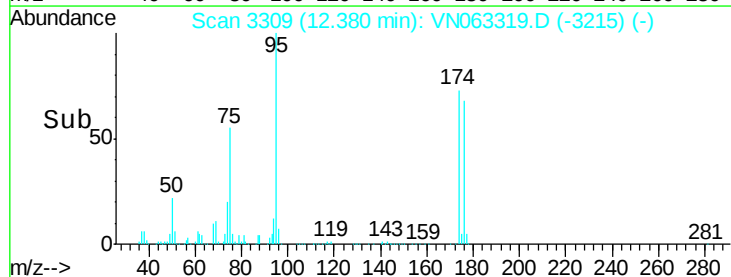
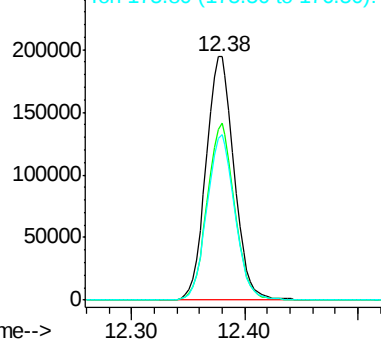
95 100

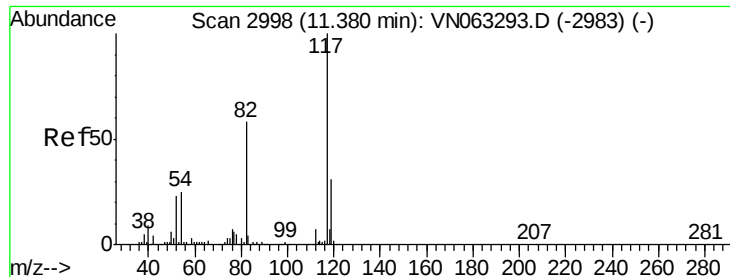
174 71.1 0.0 136.6

176 67.6 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN063319.D (-3215) (-)

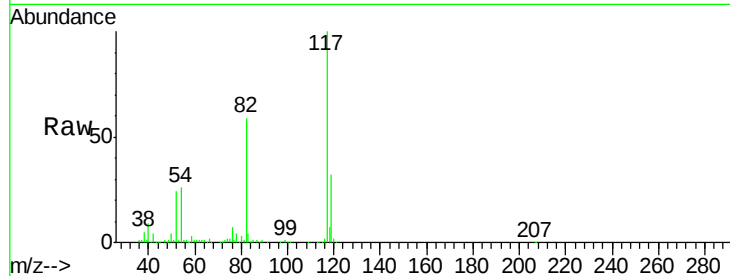




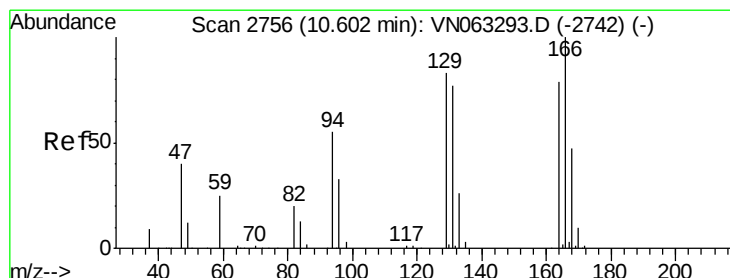
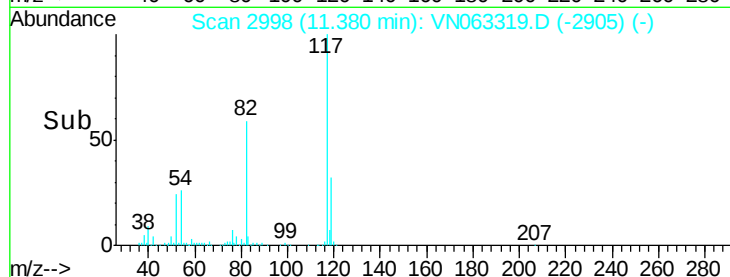
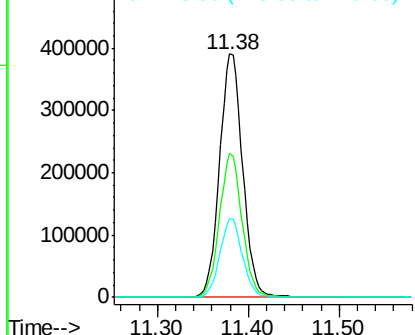
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063319.D
Acq: 11 Sep 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ13311-20200908

Tot Ion:117 Resp: 688422
Ion Ratio Lower Upper
117 100
82 59.0 46.4 69.6
119 32.1 24.8 37.2

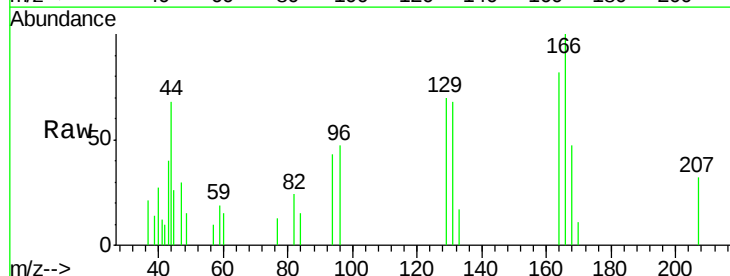


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

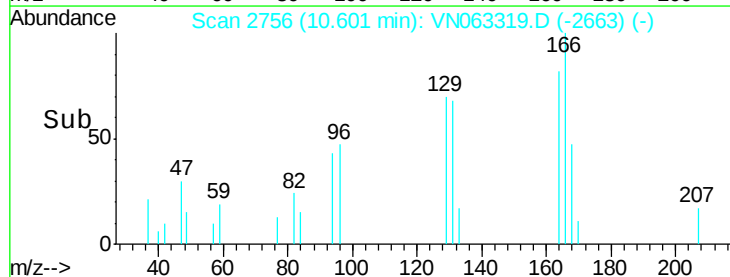
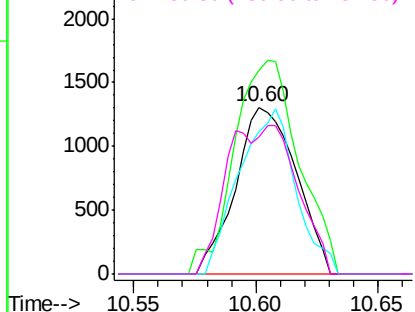


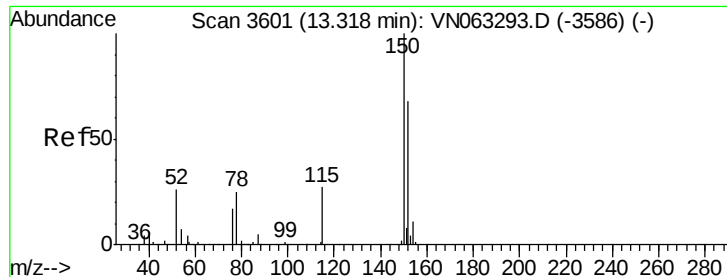
#64
Tetrachloroethene
Concen: 0.401 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063319.D
Acq: 11 Sep 2020 17:06

Tgt Ion:164 Resp: 2259
Ion Ratio Lower Upper
164 100
166 122.0 101.3 151.9
129 85.5 83.7 125.5
131 82.4 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063319.D

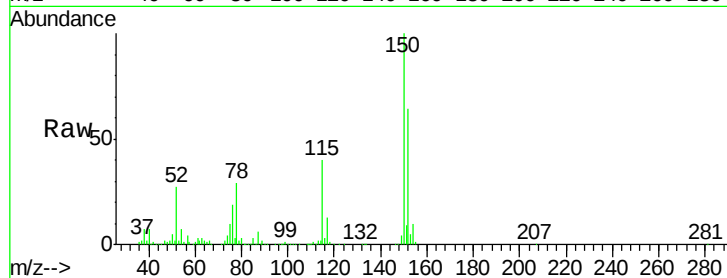
Acq: 11 Sep 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ13311-20200908



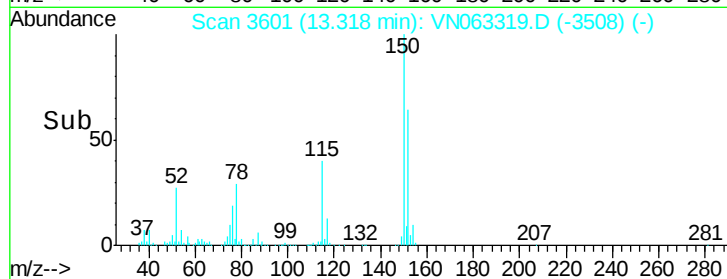
Tot Ion:152 Resp: 277456

Ion Ratio Lower Upper

152 100

115 64.1 31.5 94.5

150 156.4 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

